

WHAT IS CLAIMED IS:

1. An image transmission device comprising:

5 a first transmitting unit configured to transmit
an electronic mail which is attached with an image file
in a file format defined by an Internet facsimile
system;

10 a second transmitting unit configured to transmit
an electronic mail which is attached with an image file
in a file format different from the file format defined
by the Internet facsimile system;

a selecting unit configured to select the first
transmitting unit or the second transmitting unit;

15 a class information storing unit to store the
class information indicating whether a terminal
corresponding to a mail address is in accordance with
the Internet facsimile system or not in association
with this mail address; and

20 a first informing unit configured to inform the
confirmation result of the transmitting unit, which is
selected by the selecting unit on the basis of the
class information stored in the class information
storing unit in association with the mail address
designated as a transmission destination.

25 2. The image transmission device according to
claim 1,

wherein the first informing unit is configured to
inform the confirmation result of the designation of

the transmitting unit which is selected by the
selecting unit, when the class information stored in
the class information storing unit in association with
the mail address designated as a transmission
5 destination indicates that the terminal corresponding
to this mail address is in accordance with the Internet
facsimile system when the second transmitting unit is
selected by the selecting unit.

10 3. The image transmission device according to
claim 1,

wherein the first informing unit is configured to
inform the confirmation result of the designation of
the transmitting unit which is selected by the
selecting unit, when the class information stored in
15 the class information storing unit in association with
the mail address designated as a transmission
destination indicates that the terminal corresponding
to this mail address is in accordance with the Internet
facsimile system when the second transmitting unit is
20 selected by the selecting unit and when the class
information stored in the class information storing
unit in association with the mail address designated as
a transmission destination indicates that the terminal
corresponding to this mail address is not in accordance
25 with the Internet facsimile system when the first
transmitting unit is selected by the selecting unit.

4. The image transmission device according to

claim 1,

wherein the first informing unit is configured not to inform the confirmation result of the designation of the transmitting unit which is selected by the
5 selecting unit, when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail address is not in accordance with the
10 Internet facsimile system when the first transmitting unit is selected by the selecting unit.

5. The image transmission device according to claim 1, further comprising:

a mail receiving unit configured to receive an
15 electronic mail; and

a class information generating unit configured to store the class information in the class information storing unit in association with a mail address of a transmitter on the basis of a file format of an image
20 file which is attached to the electronic mail received by the mail receiving unit.

6. The image transmission device according to claim 5,

wherein the class information generating unit is
25 configured to store the class information when the mail address of the transmitter does not exist in the class information storing unit.

7. The image transmission device according to claim 1,

wherein the inputted class information is configured to be stored in the class information storing unit.

8. The image transmission device according to claim 5,

wherein the class information generating unit is configured to store the class information indicating that a terminal corresponding to a mail address is in accordance with the Internet facsimile system if an image file is attached to an electronic mail received by the mail receiving unit and a file format of the image file attached thereto is defined by the Internet facsimile system, and it stores the class information indicating that a terminal corresponding to a mail address is not in accordance with the Internet facsimile system if a file format of the image file attached thereto is different from the file format defined by the Internet facsimile system, respectively, in the class information storing unit in association with the mail address of the transmitter of the electronic mail which is received by the mail receiving unit.

9. The image transmission device according to claim 1, further comprising:

a mode selecting unit configured to select a first

mode which requires a transmission destination terminal to return a response of an electronic mail and a second mode which does not require a transmission destination terminal to return a response of an electronic mail;

5 and

a second informing unit configured to inform the confirmation result of the designation of the mode when the transmitting unit selected by the selecting unit and a mode selected by the mode selecting unit are not
10 complied with each other.

10. The image transmission device according to claim 9,

wherein the second informing unit is configured to prompt the user to check the mode setting when the
15 designation of the mode serves to designate the selection of the second mode despite the designation of the system after alternating the transmitting unit to be selected serves to designate the selection of the first transmitting unit, and when the designation of
20 the mode serves to designate the selection of the first mode despite the designation of the method after alternating the transmitting unit to be selected serves to designate the selection of the second transmitting unit when the alternation of the transmitting unit to
25 be selected depending on the informing operation by the first informing unit is designated by the user.

11. The image transmission device according to

claim 1, further comprising:

a mode selecting unit configured to select a first mode which requires a transmission destination terminal to return a response of an electronic mail and a second mode which does not require a transmission destination terminal to return a response of an electronic mail; and

a mode setting unit configured to set a first mode when the first transmitting unit is selected by the designation of the system after alternating the transmitting unit to be selected and it sets a second mode when the second transmitting unit is selected by the designation of the system after alternating the transmitting unit to be selected when the alternation of the transmitting unit to be selected depending on the informing operation by the first informing unit is designated by the user.

12. An image transmission device comprising:

a first transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format defined by an Internet facsimile system;

a second transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format different from the file format defined by the Internet facsimile system;

a selecting unit configured to select the first

transmitting unit or the second transmitting unit;

a mode selecting unit configured to select a first mode which requires a transmission destination terminal to return a response of an electronic mail and a second

5 mode which does not require a transmission destination terminal to return a response of an electronic mail;

a class information storing unit to store the class information indicating whether a terminal corresponding to a mail address is in accordance with the Internet facsimile system or not in association with this mail address;

10 a first informing unit configured to inform the confirmation result of the transmitting unit, which is selected by the selecting unit on the basis of the class information stored in the class information storing unit in association with the mail address designated as a transmission destination; and

15 a second informing unit configured to inform the confirmation result of the designation of the mode when the transmitting unit selected by the selecting unit and a mode selected by the mode selecting unit are not complied with each other.

13. The image transmission device according to claim 12, further comprising:

25 a mail receiving unit configured to receive an electronic mail; and

a class information generating unit configured to

store the class information in the class information
storing unit in association with a mail address of a
transmitter on the basis of a file format of an image
file which is attached to the electronic mail received
5 by the mail receiving unit.

14. The image transmission device according to
claim 13,

10 wherein the class information generating unit is
configured to store the class information when the mail
address of the transmission destination of the
electronic mail does not exist in the class information
storing unit.

15 15. The image transmission device according to
claim 11,

15 wherein the inputted class information is
configured to be stored in the class information
storing unit.

16. An image transmission device comprising:

20 first transmitting means for transmitting an
electronic mail which is attached with an image file in
a file format defined by an Internet facsimile system;

25 second transmitting means for transmitting an
electronic mail which is attached with an image file in
a file format different from the file format defined by
the Internet facsimile system;

selecting means for selecting the first
transmitting means or the second transmitting means;

class information storing means for storing the
class information indicating whether a terminal
corresponding to a mail address is in accordance with
the Internet facsimile system or not in association
5 with this mail address; and

first informing means for informing the
confirmation result of the transmitting unit, which is
selected by the selecting means on the basis of the
class information stored in the class information
10 storing means in association with the mail address
designated as a transmission destination.

17. An informing method of an image transmission
device comprising:

selecting a first transmitting unit configured to
15 transmit an electronic mail which is attached with an
image file in a file format defined by an Internet
facsimile system or selecting a second transmitting
unit configured to transmit an electronic mail which is
attached with an image file in a file format different
20 from the file format defined by the Internet facsimile
system; and

informing the confirmation result of the
designation of the transmitting unit which is selected,
when the class information stored in the class
25 information storing unit in association with the mail
address designated as a transmission destination
indicates that the terminal corresponding to this mail

address is in accordance with the Internet facsimile system when the second transmitting unit is selected.

18. An informing method of an image transmission device comprising:

5 selecting a first transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format defined by an Internet facsimile system or selecting a second transmitting unit configured to transmit an electronic mail which is
10 attached with an image file in a file format different from the file format defined by the Internet facsimile system; and

 informing the confirmation result of the designation of the transmitting unit which is selected,
15 when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail address is in accordance with the Internet facsimile
20 system when the second transmitting unit is selected and when the class information stored in the class information storing unit in association with the mail address designated as a transmission destination indicates that the terminal corresponding to this mail
25 address is not in accordance with the Internet facsimile system when the first transmitting unit is selected.

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19. A digital complex machine comprising:

an image reading unit configured to read the image data;

5 a first transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format defined by an Internet facsimile system;

10 a second transmitting unit configured to transmit an electronic mail which is attached with an image file in a file format different from the file format defined by the Internet facsimile system;

a selecting unit configured to select the first transmitting unit or the second transmitting unit;

15 a class information storing unit to store the class information indicating whether a terminal corresponding to a mail address is in accordance with the Internet facsimile system or not in association with this mail address;

20 a first informing unit configured to inform the confirmation result of the transmitting unit, which is selected by the selecting unit on the basis of the class information stored in the class information storing unit in association with the mail address designated as a transmission destination; and

25 a printing unit configured to print the confirmation result of the transmitting unit.

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